

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 033393-055222
INTERNATIONAL APPLICATION NO. PCT/US2004/036200		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/577814
INTERNATIONAL FILING DATE 01 November 2004 (1.11.2004)		PRIORITY DATE CLAIMED 30 October 2003 (30.10.2003)
TITLE OF INVENTION METHODS FOR TREATING AND PREVENTING ISCHEMIA-REPERFUSION INJURY USING RNA INTERFERING AGENTS		
APPLICANT(S) FOR DO/EO/US LIEBERMAN, Judy and HAMAR, Péter		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

IAP17 Rec'd PCT/PTO 28 APR 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">10/577814</div>	INTERNATIONAL APPLICATION NO. PCT/US2004/036200	ATTORNEY'S DOCKET NUMBER 033393-055222
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20. Other items or information:
 Statement of Limited Recognition, Express Mail Certificate EV653003243US, Paper copy of Sequence Listing, Statement Accompanying Sequence Listing, Nine (9) Sheets of Formal Drawings of Figures 1-3C, Cover Page of PCT publication WO2005/042719 and Return Postcard.

The following fees have been submitted	CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300	\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))		
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0	\$ 200.00	
All other situations.....\$200		
23. - <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))		
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0		
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100	\$ 100.00	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400		
All other situations.....\$500		
TOTAL OF 21, 22 and 23 =	600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
66 - 100 =	-34 /50 =	x \$250
		\$ 0.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	18 - 20 =	0 x \$ 50
Independent claims	3 - 3 =	0 x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360
TOTAL OF ABOVE CALCULATIONS =		\$ 600.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		300.00
SUBTOTAL =		\$ 300.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		0.00
TOTAL NATIONAL FEE =		\$ 300.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		0.00
TOTAL FEES ENCLOSED =		\$ 300.00
		Amount to be refunded: \$
		Amount to be charged \$

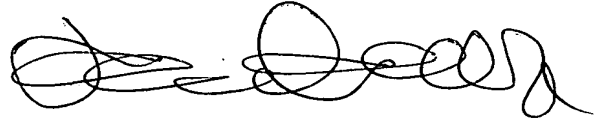
10/577814

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 50-0850 in the amount of \$ 300.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0850. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

David S. Resnick
Nixon Peabody LLP
100 Summer Street
Boston, MA 02110
US



SIGNATURE

David S. Resnick/Leena H. Karttunen

NAME

34,235/L0207

REGISTRATION NUMBER

10/577814

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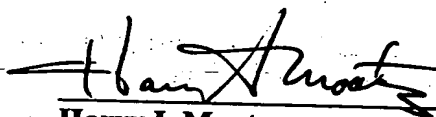
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATES PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 11.9(b)

Leena H. Karttunen is hereby given limited recognition under 37 CFR §11.9(b) as an employee of Nixon Peabody LLP, to prepare and prosecute patent applications wherein the patent applicant is the client of Nixon Peabody LLP and an attorney or agent of record in the applications is a registered practitioner who is a member of Nixon Peabody LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Leena H. Karttunen ceases to lawfully reside in the United States, (ii) Leena H. Karttunen's employment with Nixon Peabody LLP ceases or is terminated, or (iii) Leena H. Karttunen ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Limited Recognition No. L0207
Expires: February 11, 2007



Harry I. Moatz
Director of Enrollment and Discipline

10/577814

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Practitioner's Docket No. 033393-055222

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lieberman, et al.

Application No.: PCT/US2004/036200

Group No.: Not yet assigned

International Filing Date: 01 November 2004

Examiner: Not yet assigned

Earliest Priority Date: 30 October 2003

For: METHODS FOR TREATING AND PREVENTING ISCHEMIA-REPERFUSION
INJURY USING RNA INTERFERING AGENTS.

MAIL STOP PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: EV653003243US

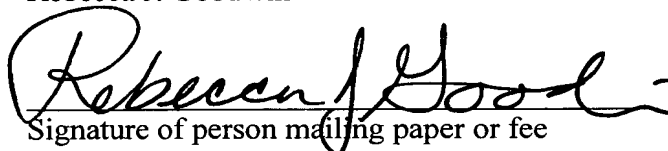
Date of Deposit: April 28, 2006

I hereby state that the following *attached* papers and fees:

1. Express Mail Certificate EV653003243US (1pg);
2. Statement of Limited Recognition (1pg.);
3. Transmittal Letter under 35 U.S.C. 371 – page 3 in duplicate (4pp);
4. Preliminary Amendment (5pp);
5. Application Data Sheet (3pp);
6. Formal Drawings of Figures 1-3C (9pp);
7. Paper copy and CRF copy of Sequence Listing (8pp and 1 disk);
8. Statement Accompanying Sequence Listing (1pg); and
9. Return Receipt Postcard.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. section 1.10, on the date indicated above and is addressed to MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Rebecca J. Goodwin


Signature of person mailing paper or fee